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Permit No. ST-7374
Issuance Date: February 14, 2003
Effective Date: March 1, 2003
Expiration Date: February 14, 2008
Modification Date: December 12, 2003

STATE WASTE DISCHARGE PERMIT Number ST-7374

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
and
the Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.,
Authorizes

PUGET SOUND NAVAL SHIPYARD
Code 106, Building 427
Bremerton, WA 98314-5000

Code 106, Building 427
Bremerton, WA 98314-5000

Discharge Location:

Building 871:

Latitude: 47° 33' 54" N

Longitude: 122° 38' 04" W

City of Bremerton POTW:

Latitude: 47° 32' 59" N

Longitude: 122° 40' 11" W

Publicly Owned Treatment Works (POTW) Receiving Discharge:

City of Bremerton POTW

Industry Type:

Naval Shipyard

Categorical Industrial User

SIC Code:

3731 Shipbuilding and Repairing

3471 Electroplating of Formed Products

to discharge wastewater in accordance with the special and general conditions which follow.

Kevin C. Fitzpatrick
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

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SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A.	Discharge Monitoring Report	Quarterly	April 30, 2003
S3.E.	Violation Resampling Results	Within thirty (30) days of becoming aware of violation	As necessary
S8.	Slug/Spill Discharge Control Plan	1/permit cycle	November 15, 2003
S8.	Slug/Spill Discharge Control Plan Update	1/permit cycle	Within thirty (30) days of adoption of plan modification
S9.	Toxic Organic Management Plan	1/permit cycle	December 15, 2003
S10.	Annual Report Describing Characteristics of Installation Restoration Discharges	Annually, March 15 th of each year	March 15, 2004
G7.	Application for Permit Renewal	1/permit cycle	One hundred and eighty (180) days prior to permit expiration

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to discharge industrial wastewater from the sources set forth below, to the City of Bremerton POTW sanitary sewer system subject to the following limitations:

WDOE SAMPLE POINT NO.	NAVY SAMPLE POINT NUMBER	POLLUTANT PARAMETER	MONTHLY AVERAGE ^b	DAILY MAX ^c	SAMPLING FREQUENCY	SAMPLE TYPE
1	910-871-001	Building 871 Industrial Pretreatment				
		Flow (gpd)	N/A	82,000	Daily	Dip Stick
		Cadmium, T (mg/L) ^e	0.26	0.17	Each Batch	Grab
		Chromium, T (mg/L)	1.71	2.77	Each Batch	Grab
		Copper, T (mg/L)	2.07	3.38	Each Batch	Grab
		Lead, T (mg/L)	0.43	0.69	Each Batch	Grab
		Mercury, T (mg/L)	N/A	0.1	Once/6 Months	Grab
		Nickel, T (mg/L)	2.38	3.2	Each Batch	Grab
		Silver, T (mg/L)	0.24	0.43	Each Batch	Grab
		Zinc, T (mg/L)	1.48	2.61	Each Batch	Grab
		Tin, T (mg/L)	N/A	N/A	Once/6 Months	Grab
		Cyanide, T (mg/L) ^f	N/A	0.6	Once/3 Months	Grab
		TTO (mg/L) ^g	N/A	2.13	Once/3 Months	Grab
		PCB's (µg/L)	N/A	15	Once/6 Months	Grab
		pH (std pH units)		Not outside the range 6.0-11.0 ^h	Each Batch	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

2	910-871-002	Building 871 Industrial Pretreatment Cyanide				
		Flow (gpd)	N/A	30,000	Each batch	Dip Stick
		Cyanide, T (mg/L)	0.65	1.2	Once/3 Months	Grab
3	38-58-003	Oxygen System Cleaning with Non-Ionic Detergents				
4	38-58-004	Oxygen System Cleaning with Non-Organic Cleaner				
5	38-58-005	Oxygen System Piping Cleaning with Non-Organic Cleaner				
6	38-58-006	Oxygen Clean Room Washer				
7	56-107-024	Hydrotesting, Solder Flux Flushes/TSP Flushes -Common Sample Point				

8	56-107-026	Pipe Test Stand Area Common Sump (combined sample point for 56-107 008,020,021,022, and 025)				
9	67-290-001	Electronics Parts Washing Sinks				
10	134-371-004	Metallurgical Sample Salt Water Bath Vapor Condensation				
11	51-427-002	Rotoclone Water from Plastic Cutting				
12	06-431-004	Gauge Leak Tester Tanks (1 st floor pneumatic tool room)				
13	06-431-007	Plug and Parts Dishwasher				
14	06-431-008	Air Filter Cleaning				
15	31-431-A28-001	Ultrasonic Parts Cleaning Tank				
16	31-431-DOOR1-002	Water Jet Cutting				
		Chromium, T (mg/L)	N/A	5.0	Once/6 Months	Grab
		Nickel, T (mg/L)	N/A	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	N/A	5.0	Once/6 Months	Grab
		Copper, T (mg/L)	N/A	5.2	Once/6 Months	Grab
17	31-431-MEZ-003	Parts Hydrotesting				
18	31-431-004	Pump/Valve Test Closed Loop				
19	31-431-006	Valve Hydrotesting				
20	56-431-023	Ion Exchange Regeneration Wastewater/Boiler Blowdown and Steam Condensate				
21	67-431-407A-002	Circuit Board Rinses				
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
22	67-431-408B-003	Photo Darkroom Development				
		Silver, T (mg/L)	N/A	2.0	Once/6 months	Grab
23	67-431-414B-004	Electronic Cabinet Washdown				
24	67-431-510-005	Dish Washers for Circuit Boards				
		Lead, T (mg/L)				
25	67-431-Gauge Room 006	Gauge Cleaning Sink				
26	67-431-Room 526-008	Gauge Cleaning-Freon Eductor Pump				
27	67-431-009	Air Pump Washing				
28	67-431-010	Evaporating Dish Cleaning				
29	67-431-011	Flow Calibrators				

30	135-431-203-001	Photo Developer Parts Maintenance Cleaning				
31	135-431-203-002	Non-Destructive Testing X-Ray Development Rinsewater				
32	431-NTDS	Non-contact Cooling Water from Naval Tactical Data Center				
33	51-435-001	Braze Flux Rinsing Sink				
34	1113-435-001	Cafeteria Food Preparation Kitchen Grease Trap Discharge				
35	820-437-001	Auto Hobby Shop – Auto Parts Steam Cleaning				
36	06-452-001	Respirator/Face Shield Washing				
37	37-452-001	Forge Shop Quench Water				
38	37-452-002	Non-contact Cooling Water for Furnace Fans				
39	37-452-003	Forge Hammer Steam Condensate				
40	134-453-002	Dissolved Oxygen Ampoule Testing Solution				
41	02-455-001	Transportation Shop Mech. Car Wash Facility				
42	02-455-004	Transportation Shop-Hand Car Wash Facility				
43	98-455-001	Parts Steam Cleaning				
44	71-457-001	Ball Valve Teflon Coating Quench Tank				
45	71-457-002	Varnish Room - Glass Face Shield Belt Sander Trickle Water				
46	71-457-003	Varnish Room - Glass Face Shield Cutoff Saw Trickle Water				
47	71-457-004	Silk Screen Washing with Ivory Scouring Powder				
48	26-460-002	De-ionized Water Production Backwash				
49	99-462-001	Regulator/Hose Test Steam Condensate				
50	99-462-002	Braze Quench Sink				
51	99-462-003	Plumbing Valve Sterilization Trough				
52	99-462-004	High Pressure Hose Testing and Sterilization Trough				
53	99-462-005	Fresh Water Hose Flush				
54	99-462-007	High Pressure Air Hose Flush				

55	37-469-001	Propeller Dye Penetrant Testing Rinse				
56	740-480-001	Diver Shop Laundry Room				
57	06-495-001	Welding Equipment Wire Filter Ultrasonic Cleaning				
58	26-495-001	Gas Hose Leak Test Tank				
59	67-500-001	Sonar Cleaning Soak Tank				
60	67-500-002	Sonar Hydrotest Tank				
61	820-502-002	Latex Paint Brush Rinsing Sink				
62	820-502-005	Latex Paint Brush Rinsing Sink				
63	NDC-506-001	Dental X-Ray Film Development Rinsewater				
64	NDC-506-002	Dental Unit Wastewater				
65	900SCE-818-001	Air Compressor Cooling Tower Blowdown Water				
66	800-847-002	Bachelor Officer Quarters Laundry Room				
67	1385-850-003	Microfilm Developer Silver Recovery Unit				
68	203-850A-001	Photo Development Film Processor				
69	203-850A-005	Waterless Color Paper Development Still Condensate				
70	56-856-001	Pipe/Pump Hydrotesting				
71	90-856-001	Braze Flux Hot Water Soak Tank				
		Copper, T (mg/L)	N/A	5.2	Once/6 Months	Grab
		Chromium, T (mg/L)	N/A	5.0	Once/6 Months	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 Months	Grab
		Zinc, T (mg/L)	N/A	5.0	Once/6 Months	Grab
72	90-856-002	Pipe/Tubing TSP Cleaning Rinsewater				
		Copper, T (mg/L)	N/A	5.2	Once/6 Months	Grab
		Chromium, T (mg/L)	N/A	5.0	Once/6 Months	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 Months	Grab
		Nickel, T (mg/L)	N/A	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	N/A	5.0	Once/6 Months	Grab
73	90-856-003	Ultrasonic Parts Cleaner				
74	17-857-002	Passivation Hot Water Rinse				
		Cadmium, T (mg/L)	0.26	0.17	Once/6 Months	Grab
		Chromium, T (mg/L)	1.71	2.77	Once/6 Months	Grab
		Copper, T (mg/L)	2.07	3.38	Once/6 Months	Grab
		Lead, T (mg/L)	0.43	0.69	Once/6 Months	Grab
		Nickel, T (mg/L)	2.38	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	1.48	2.61	Once/6 Months	Grab
		TTO (mg/L)	N/A	2.13	Once/6 Months	Grab
		Cyanide, T (mg/L)	0.65	1.2	Once/6 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

75	17-857-004	Oakite 160 Etch Cold Water Rinse				
		Cadmium, T (mg/L)	0.26	0.17	Once/6 Months	Grab
		Chromium, T (mg/L)	1.71	2.77	Once/6 Months	Grab
		Copper, T (mg/L)	2.07	3.38	Once/6 Months	Grab
		Lead, T (mg/L)	0.43	0.69	Once/6 Months	Grab
		Nickel, T (mg/L)	2.38	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	1.48	2.61	Once/6 Months	Grab
		TTO (mg/L)	N/A	2.13	Once/6 Months	Grab
		Cyanide, T (mg/L)	0.65	1.2	Once/6 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

76	17-857-006	Oakite LNC Cold Water Rinse				
		Cadmium, T (mg/L)	0.26	0.17	Once/6 Months	Grab
		Chromium, T (mg/L)	1.71	2.77	Once/6 Months	Grab
		Copper, T (mg/L)	2.07	3.38	Once/6 Months	Grab
		Lead, T (mg/L)	0.43	0.69	Once/6 Months	Grab
		Nickel, T (mg/L)	2.38	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	1.48	2.61	Once/6 Months	Grab
		TTO (mg/L)	N/A	2.13	Once/6 Months	Grab
		Cyanide, T (mg/L)	0.65	1.2	Once/6 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

77	17-857-007	Oakite LNC Hot Water Rinse				
		Cadmium, T (mg/L)	0.26	0.17	Once/6 Months	Grab
		Chromium, T (mg/L)	1.71	2.77	Once/6 Months	Grab
		Copper, T (mg/L)	2.07	3.38	Once/6 Months	Grab
		Lead, T (mg/L)	0.43	0.69	Once/6 Months	Grab
		Nickel, T (mg/L)	2.38	3.2	Once/6 Months	Grab
		Zinc, T (mg/L)	1.48	2.61	Once/6 Months	Grab
		TTO (mg/L)	N/A	2.13	Once/6 Months	Grab
		Cyanide, T (mg/L)	0.65	1.2	Once/6 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

78	17-857-008	Total of Discharges from Passivation Process				
		Flow (gpd)	N/A	8400	Continuously	Metered

79	ROTO-17-857-001	Rotoclone for Photoetch Area				
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80	ROTO-17-857-002	Rotoclone for Aluminum Passivation Room				
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81	ROTO-17-857-003	Rotoclone for Welding Area				
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82	ROTO-17-857-004	Rotoclone for Baking Oven				
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83	500-863-001	One Hour Film Development (Developer)				
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84	500-863-002	One Hour Film Development (Fixer)				
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85	800-865-001	BEQ Laundry Room				
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86	815-866-001	Food Preparation Galley Grease Trap				
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87	815-866-002	Dining Facility Dishwasher				
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88	31-873-002	Buffer/Bandsaw Rotoclone				
89	90-874-001	Paper Shredder Dumpster Dust Suppression Water				
90	90HM-874-004	Portable Tank and Tanker Truck Hydrotesting				
		TTO (mg/L)	N/A	2.13	Once/6 Months	Grab
Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.						
91	99-875-001	Sewage/CHT Hose Steam Cleaning				
92	99-875-002	High Pressure Testing of Hoses				
93	800-885-001	BEQ Laundry Room				
94	900SCE-900-001	Air Compressor Cooling Tower Blowdown				
95	953-900-002	Diesel Generator Cooling Tower Blowdown				
96	900SCE-923-001	Air Compressor Cooling Tower Blowdown Water				
97	063-940-213-004	Medical X-Ray Film Development				
		Silver, T (mg/L)	N/A	2.0	Once/3 Months	Grab
98	800-942-001	BEQ Laundry Room				
99	90HM-944-001	Rainwater Holding Tank in the Hazardous Waste Container Storage Area				
		PCB's (µg/L)	N/A	15	Once/3 Months	Grab
100	07-961-001	Storm Drain Cleaning Dewatering				
101	800-985-001	Little Mates Child Care Laundry				
102	800-1000-001	BEQ Laundry Room				
103	800-1001-001	BEQ Laundry Room				
104	800-1005-001	NEX Laundromat				
105	815-1015-001	Building 1015 Catering Dining Reception Center				
106	815-1017-001	Physical Fitness Center Washing Machines				
107	800-2080-001	McDonalds Food Preparation Grease Trap				
108	90-OW1-001	Bilge Water Treatment System 001 (SW of Dry Dock 1)				
		Flow (gpd)	N/A	60,000	Daily	Dipstick or Meter
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		TTO (mg/L)	N/A	2.13	Once/3 Months	Grab
		TPH (mg/L)	N/A	100	Once/3 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

109	90-OW2-001	Bilge Water Treatment System 002 (SW of Dry Dock 2)				
		Flow (gpd)	N/A	60,000	Daily	Dipstick or Meter
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		TTO (mg/L)	N/A	2.13	Once/3 Months	Grab
		TPH (mg/L)	N/A	100	Once/3 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

110	90-OW3-001	Bilge Water Treatment System 003 (SE of Dry Dock 5)				
		Flow (gpd)	N/A	60,000	Daily	Dipstick or Meter
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		TTO (mg/L)	N/A	2.13	Once/3 Months	Grab
		TPH (mg/L)	N/A	100	Once/3 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

111	90-OW4-001	Bilge Water Treatment System 004 (S of Building 431)				
		Flow (gpd)	N/A	60,000	Daily	Dipstick or Meter
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		TTO (mg/L)	N/A	2.13	Once/3 Months	Grab
		TPH (mg/L)	N/A	100	Once/3 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

112	90-OW5-001	Bilge Water Treatment System 005 (SW of Dry Dock 6)				
		Flow (gpd)	N/A	86,400	Daily	Dipstick or Meter
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		TTO (mg/L)	N/A	2.13	Once/3 Months	Grab
		TPH (mg/L)	N/A	100	Once/3 Months	Grab

Note: The Permittee is authorized to submit a TTO certification statement in lieu of conducting sampling and reporting sampling results for TTO.

113	90-DD1-002	Dry Dock Process Water Collection System at Dry Dock 1				
		Flow (gpd)	N/A	N/A	Daily	Meter or Pump Run Time
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab

		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
114	90-DD2-002	Dry Dock Process Water Collection System at Dry Dock 2				
		Flow (gpd)	N/A	N/A	Daily	Meter or Pump Run Time
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab
		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
115	90-DD3-002	Dry Dock Process Water Collection System at Dry Dock 3				
		Flow (gpd)	N/A	N/A	Daily	Meter or Pump Run Time
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab
		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
116	90-DD4-002	Dry Dock Process Water Collection System at Dry Dock 4				
		Flow (gpd)	N/A	N/A	Daily	Meter or Pump Run Time
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab
		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
117	90-DD5-002	Dry Dock Process Water Collection System at Dry Dock 5				
		Flow (gpd)	N/A	N/A	Daily	Meter or Pump Run Time

		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab
		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
118	90-DD6-002	Dry Dock Process Water Collection System at Dry Dock 6				
		Flow (gpd)	N/A	N/A	Daily	Meters or Pump Run Time
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Composite or Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Composite or Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Composite or Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Composite or Grab
		Tin, T (mg/L)	N/A	N/A	Quarterly	Composite or Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Composite or Grab
119	90-DD16-002	Combined Drydock Process Water Collection Systems for Drydocks 1 through 6				
		Flow (gpd)	N/A	260,000	Daily	Meters or Pump Run Time
120	71-DD1-005	Dry Dock 1-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
121	71-DD2-005	Dry Dock 2-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
122	71-DD3-005	Dry Dock 3-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter

		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
123	71-DD4-005	Dry Dock 4-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
124	71-DD5-005	Dry Dock 5-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
125	71-DD6-005	Dry Dock 6-Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	N/A	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Once/6 months	Grab
		Copper, T (mg/L)	N/A	5.2	Quarterly	Grab
		Lead, T (mg/L)	N/A	1.3	Once/6 months	Grab
		Nickel, T (mg/L)	N/A	3.2	Quarterly	Grab
		Zinc, T (mg/L)	N/A	5.0	Quarterly	Grab
126	71-DD7-005	Combined Drydocks Ship Hydroblasting/Pressure Washing Water & Related Stormwater				
		Flow (gpd)	N/A	300,000	Daily	Dipstick or Meter
127	90-PW2-001	Dry Dock Drainage Sump Pumping Station - Dry Dock 2				
128	90-PW4-001	Dry Dock Drainage Sump Pumping Station-Dry Dock 4				
129	90-PW5-001	Dry Dock Drainage Sump Pumping Station-Dry Dock 5				
130	90-PW6-001	Dry Dock Drainage Sump Pumping Station-Dry Dock 6				
131	99-DD1-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 1				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite

		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
132	99-DD2-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 2				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
133	99-DD3-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 3				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, t (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
134	99-DD4-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 4				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
135	99-DD5-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 5				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
136	99-DD6-001	Special Hull Treatment Tile Removal Hydroblast Water at Dry Dock 6				
		Flow (gpd)	N/A	8000	Daily	Dipstick or Meter
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite

		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
137	350-DD3-001	Hull Cutting Wastewater				
138	800-Pier D-001	Pier D Laundromat				
139	CD-IR-001	Construction Dewatering at Installation Restoration Sites				
		Flow (gpd), per site	N/A	25,000 (per site)	Continuously ^a	Dipstick or Meter
		TTO (mg/L)	N/A	2.13	Ea 100,000 gal	Grab
		Total Petroleum Hydrocarbons (mg/L)	N/A	50	Ea 100,000 gal	Grab
		Chromium, T (mg/L)	N/A	5.0	Ea 100,000 gal	Grab
		Lead, T (mg/L)	N/A	1.3	Ea 100,000 gal	Grab
		Nickel, T (mg/L)	N/A	3.2	Ea 100,000 gal	Grab
IR sampling results shall not be reported on monthly DMRs, but rather, in an annual report to the Department due no later than March 15 of each year for the reporting period comprising the previous calendar year. The requirements for the annual report are described in Part S10 of this permit. Sampling is not required if the rate of flow is less than 1000 gpd or the total flow from a project is less than 10,000 gallons. The monitoring requirement of one sample per 100,000 gallons (individual site basis) applies only to probable contaminated sites as described in Part S10.						
140	MWR-Carwash-001	Carwash at MWR				
141	Lift Station WB3 (West End)	Municipal Lift Station				
		Arsenic, T (mg/L)	N/A	0.15	Monthly	Composite
		Cadmium, T (mg/L)	N/A	0.17	Monthly	Composite
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Mercury, T (mg/L)	N/A	0.09	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite
		Cyanide, T (mg/L)	N/A	0.57	Monthly	Grab
		Oil & Grease (mg/L)	N/A	100	Monthly	Grab
		Total Petroleum Hydrocarbons (mg/L)	N/A	50	Monthly	Grab
		Salinity (S _{pss})	N/A	N/A	Monthly	Composite
Note: The electrical conductivity method may be employed for determination of salinity.						
Note: S _{pss} is an index of salinity based on the practical salinity scale.						
142	First Street Lift Station (East End)	Municipal Lift Station				
		Arsenic, T (mg/L)	N/A	0.15	Monthly	Composite
		Cadmium, T (mg/L)	N/A	0.17	Monthly	Composite
		Chromium, T (mg/L)	N/A	5.0	Monthly	Composite
		Copper, T (mg/L)	N/A	5.2	Monthly	Composite
		Lead, T (mg/L)	N/A	1.3	Monthly	Composite
		Mercury, T (mg/L)	N/A	0.09	Monthly	Composite
		Nickel, T (mg/L)	N/A	3.2	Monthly	Composite
		Zinc, T (mg/L)	N/A	5.0	Monthly	Composite

	Cyanide, T (mg/L)	N/A	0.57	Monthly	Grab
	Oil & Grease (mg/L)	N/A	100	Monthly	Grab
	Total Petroleum Hydrocarbons (mg/L)	N/A	50	Monthly	Grab
	Salinity (S_{pss})	N/A	N/A	Monthly	Composite

Note: The electrical conductivity method may be employed for determination of salinity.

Note: S_{pss} is an index of salinity based on the practical salinity scale.

^a Continuous means uninterrupted except for brief lengths of time for calibration, for power failure, or for unanticipated equipment repair or maintenance.

^b The monthly average effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

^c The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For other units of measurement, the daily discharge is the average measurement of the pollutant over the day.

^d Daily composite samples shall consist of a minimum of four time or flow proportional grab samples collected throughout the process day from a well mixed effluent chamber.

^e The "T" following the name of a metal or metals indicates total, as opposed to dissolved. The sample point for metals shall be the discharge of the final pH neutralization system, prior to mixture with any sanitary or domestic wastewaters.

^f The "T" following cyanide indicates total cyanide, as opposed to cyanide amenable to chlorination. The Permittee shall properly preserve all cyanide samples with ascorbic acid and sodium hydroxide to a pH of greater than 12.0. (see Handling and Preservation under EPA Method 335.2). The sample point for cyanide samples shall be the discharge of the cyanide bearing wastewater, prior to mixing with any non-cyanide bearing wastewaters.

^g Organic compounds comprising TTO's (Total Toxic Organics) are listed in 40 CFR, Part 413.02(i). The sample results for TTO's shall be reported as the summation of all quantifiable values greater than 0.01 mg/L for each of the listed compounds. The sample point for TTO's shall be the final discharge point prior to mixture with any sanitary or domestic wastewaters.

In lieu of sampling and analysis for all TTO's in the list, the Permittee is authorized to test for the volatile (purgeable fraction as measured by EPA Method 624). TTO samples must be collected in a well-sealed container with zero headspace. The Permittee is authorized to submit the following TTO certification statement once each three months in lieu of performing TTO monitoring:

TTO Certification Statement:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Washington State Department of Ecology."

Responsible Official

Date

^h In addition, the Permittee shall maintain a pH log for any batch discharges of wastewater not routed through the continuous pretreatment system. The pH for batch discharges may be measured using pH paper or a well calibrated probe.

The Permittee shall use one or more of the appropriate methods set forth in the table below for quantification of pollutant parameters for the purposes of establishing compliance with the limitations as set forth in this permit. The Permittee may utilize equivalent analytical methods for compliance monitoring provided that it obtains written authorization from the Department. The Permittee shall utilize quality control procedures and take all reasonable measures to ensure that method detection limits in the wastewater matrix are equal to or less than those set forth below. In those cases in which a parameter is not detected, the Permittee shall report, on the Discharge Monitoring Report Form, the value as "< x", replacing x with the detection limit determined for the wastewater matrix.

INORGANIC PARAMETERS					
Water Quality Parameter	Minimum Detection Limit in Wastewater Matrix (mg/L)	USEPA Method Number		Standard Methods (18 th Edition) Number	
		ICAP	GFAA/FLAA	ICAP	GFAA/FLAA
Arsenic	0.1	200.7	206.2/206.3	3120B	3114B
Cadmium	0.05	200.7	213.2/213.1	3120B	3113B/3111B
Chromium	0.1	200.7	218.2/218.1	3120B	3113B/3111B
Copper	0.1	200.7	220.2/220.1	3120B	3113B/3111B
Nickel	0.1	200.7	249.2/249.1	3120B	3113B/3111B
Lead	0.1	200.7	239.2/239.1	3120B	3113B/3111B
Silver	0.1	200.7	272.2/272.1	3120B	3113B/3111B
Tin	0.1	200.7	282.2/282.1	N/A	3113B/3111B
Zinc	0.1	200.7	289.2/289.1	3120B	N/A
MERCURY, CYANIDE, SALINITY, OIL & GREASE, and TPH					
Water Quality Parameter	Maximum Detection Limit in Wastewater Matrix (mg/L)	USEPA Method Number		Standard Methods Number	
Mercury	0.0005	245.1 (cvaam) 245.2 (cvaaa) 245.7 (cvaf)		3112B(cva)	
Cyanide	0.1	335.2 (Titrimetric, Spectrophotometric) 335.3 (Colorimetric, Automated UV)		4500-CN D (Titrimetric Spectrophotometric) 4500-CN E (Colorimetric)	
Salinity	S _{pss}	N/A		2520B	
Oil and Grease	10	1664 rev A		N/A	
TPH	5	1664 rev A		N/A	
ORGANIC PARAMETERS					
Water Quality Parameter	Maximum Detection Limit in Wastewater Matrix (mg/L)	USEPA Method Number		Standard Methods Number	
		GC	GC/MS	GC/MS	
TTO's (volatile fraction)	0.01 (per species)	601 (purgeable halocarbons) 602 (purgeable aromatics)	624 1624	6210B or 6210C	
TTO's (base/ neutral extractable fraction)	0.01 (per species)	605 (benzidines) 606 (phthalate esters) 608 (PCB's and organochlorine pesticides) 609 (nitro-aromatics and isophorone) 610 (polyaromatic hydrocarbons) 611 (chloroethyl/chlorophenyl ethers)	625 1625	6410B	
TTO's (acid extractables)	0.01 (per species)	604 (phenolics)	625	6410A(gc/ms)	
PCB's (arochlors)	0.01 (per species)	608 (PCB's and organochlorine pesticides) or SW846 Method 8082A (PCB's by Gas Chromatography)		6410B(gc/ms)	

Key to abbreviations used in above table:

cvaaa = cold vapor automated
cvaam = cold vapor manual
cvaf = cold vapor atomic fluorescence
cv = cold vapor extraction
ICAP = inductively coupled plasma
GC = gas chromatograph
MS = mass spectroscopy
TTO's = total toxic organic compounds as defined in 40 CFR Part 433
PCB's = poly chlorinated biphenyl compounds(arochlors)
TPH = total petroleum hydrocarbon compounds
PAH = poly-aromatic hydrocarbon compounds
S_{pss} = salinity, practical salinity scale

S2. MONITORING REQUIREMENTS

A. Wastewater Monitoring

The Permittee shall monitor the wastewater according to the schedule set forth in Part S1 above and Part S2, as well as the additional provisions set forth in this part.

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

The Permittee is authorized to use the following procedures in lieu of, or as modifications of, the procedures set forth in 40 CFR Part 136:

1. In the case of USEPA Method 624, the Permittee may use vocarb, 10 cm Carbopack B, 6 cm Carboxen 1000, and 1 cm Carboxen 1001 (or other suitable trapping material), a 30 cm sparger headspace, and a capillary column provided that adoption of these changes from the listed method does not result in a detection limit greater than 10 micrograms per liter for each volatile organic compound on the TTO list.

2. When performing USEPA Method 608 for Arochlors, the five-point calibration method may be employed to calculate the Arochlors on the basis of a side-by-side comparison to the nearest calibration standard of the same Arochlor. In addition, the laboratory is authorized to use SW846 and Method 8082A, Sections 7.4 and 7.9, provided that the quantitation limit is no greater than one microgram per liter for each of the Arochlor isomers.

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements is consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three (3) years.

D. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, pH, and internal process control parameters are exempt from this requirement.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted quarterly. One report shall be prepared for each month. Monitoring results obtained during the previous three (3) months shall be reported on the monthly forms as provided, or otherwise approved, by the Department, and be received no later than the thirtieth day of the month following the completed reporting period, unless otherwise specified in this permit.

The first reporting period begins January 1 of each year and ends March 31 of each year. Reports for samples collected during the first reporting period are due April 30.

The second reporting period begins April 1 of each year and ends June 30 of each year. Reports for samples collected during the second reporting period are due July 30.

The third reporting period begins July 1 of each year and ends September 30 of each year. Reports for samples collected during the third reporting period are due October 30.

The fourth reporting period begins October 1 of each year and ends December 31 of each year. Reports for samples collected during the fourth reporting period are due January 30.

The reports shall be sent to the Department of Ecology, Northwest Regional Office, 3190 – 160th Avenue SE, Bellevue, Washington, 98008. In addition, the Permittee shall send a copy of the discharge monitoring reports to the City of Bremerton Department of Public Works. The first report is due April 30, 2003.

Discharge Monitoring Report forms must be submitted quarterly whether or not the facility was discharging. If there was no discharge or the facility was not operating during a given monitoring period, the Permittee shall submit the form as required with the words "no discharge" entered in place of the monitoring results.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2 of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;

2. Immediately notify the Department of the failure to comply. (In the case of non-compliance with a potential to cause pass-through or interference, or to otherwise significantly effect the operation of the POTW, the Permittee shall also immediately notify the City of Bremerton and the local sewage treatment plant manager of the failure to comply), and
3. Submit a detailed, written report to the Department within thirty (30) days (five [5] days for upsets and bypasses), unless requested earlier by the Department. The report should describe the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the re-sampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

F. Repeat Sampling

If the results of the Permittee's wastewater analysis indicate that a violation has occurred, the Permittee is required to repeat the sampling and pollutant analysis at the applicable sample point and submit the results to the Department within thirty (30) days after becoming aware of the violation.

G. Dangerous Waste Discharge Notification

The Permittee shall notify the POTW and the Department in writing of the intent to discharge into the POTW any substance designated as a dangerous waste in accordance with the provisions of WAC 173-303-070. This notification shall be made at least ninety (90) days prior to the date that discharge is proposed to be initiated.

H. Spill Notification

The Permittee shall notify the POTW immediately (as soon as discovered) of all discharges that could cause problems to the POTW, such as process spills and unauthorized discharges (including slug discharges).

I. Notice of Temporary Changes in Discharges

The Permittee shall notify the City of Bremerton of temporary changes in discharge quantity or quality at least three (3) days prior to the proposed change, using a form provided by the City of Bremerton. Changes in significant discharges require notification of the Department as described under Section G.4 of this permit.

However, temporary discharges with a volume of less than 1,000 gallons and which are evaluated and found not to be a dangerous waste, hazardous waste, or a categorical discharge as defined under 40 CFR Parts 403-699, and are determined not to contain pollutants in concentrations greater than the local limitations, may be made without prior notice to the City of Bremerton.

S4. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Bypass Procedures

The Permittee shall immediately notify the Department and the receiving POTW of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. **Unavoidable Bypass**—Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit, the Permittee shall notify the Department and the receiving POTW in accordance with condition S3.E "Noncompliance Notification."

2. **Anticipated Bypass That Has the Potential to Violate Permit Limits or Conditions**—Bypass is authorized by an administrative order issued by the Department. The Permittee shall notify the Department and the POTW at least thirty (30) days before the planned date of bypass. The notice shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:
 - a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
 - b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
 - c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.120.

3. **Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions**—Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, a violation of a pretreatment standard or requirement, or adversely impact public health as determined by the Department prior to the bypass.
4. Discharge of certain uncontaminated shipboard water (e.g., hose flush water) to the sanitary sewer without treatment, is authorized, and will not be considered to be bypass, provided that such waters meet all limitations which are applied to bilge water.

B. Best Management Practices\Pollution Prevention Program

1. **Maintenance of Best Management Practices Plan**
The Permittee shall maintain, periodically review, and modify as necessary, the Best Management Practices Plan for purposes of preventing the introduction of pollutants into groundwater and the POTW. The Permittee shall comply with the Best Management Practices Plan. Any discrepancy that results in a release to the groundwater or POTW is subject to the reporting requirements of Section S3 of this permit. Whenever there are substantive changes to the Best Management Plan, the Permittee shall submit the revised plan to the Department within thirty (30) days of adoption of the revised provisions.
2. **Chemical Storage**
Hazardous materials, including solid chemicals, chemical solutions, paints, oils, solvents, acids, caustic solutions and waste materials, including used batteries, shall be stored in a manner which will prevent the inadvertent entry of these materials into the POTW or groundwaters of the state.
3. Sludges and scale from the dip tanks shall be disposed of in an approved manner other than to the sanitary sewer system and other than to groundwaters of the state.
4. Discharge of concentrated organic solvents to the sewer system is prohibited.

5. In the event that a spill should occur within the process area, any spill control valves shall be closed to prevent the entry of concentrated chemicals to the sanitary sewers.
6. All industrial wastes containing pollutants must be treated using all known available and reasonable methods for treatment prior to discharge to the sanitary sewer.

S5. PROHIBITED DISCHARGES

A. General Prohibitions

The Permittee shall not introduce into the POTW pollutant(s) which cause pass-through or interference.

B. Specific Prohibitions

In addition, the following shall not be introduced into the POTW:

1. Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, waste streams with a closed cup flash point of less than 60° C (140° F) using the test methods specified in 40 CFR 261.21;
2. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;
3. Any pollutant, including oxygen-demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW;
4. Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40° C (104° F) unless the approval authority, upon request of the POTW, approves alternative temperature limits;
5. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
6. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
7. Any trucked or hauled pollutants, except at discharge points designated by the POTW;

8. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0 or greater than 11.0, unless the works is specifically designed to accommodate such discharges. Specific pH limitations set forth for specific sample locations in Part 1 shall have precedence over this limitation.

C. Prohibited Unless Approved

1. Any of the following discharges are prohibited unless approved by the Department under extraordinary circumstances (such as a lack of direct discharge alternatives due to combined sewer service or a need to augment sewage flows due to septic conditions):
 - a. Non-contact cooling water in significant volumes;
 - b. Storm water and other direct inflow sources;
 - c. Wastewaters significantly affecting system hydraulic loading, which do not require treatment or would not be afforded a significant degree of treatment by the system.
2. Unless specifically authorized in this permit, the discharge of dangerous wastes as defined in Chapter 173-303 WAC is prohibited.

S6. DILUTION PROHIBITED

The Permittee shall not dilute the wastewater discharge with stormwater or increase the use of potable water, process water, non-contact cooling water, or, in any way, attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

S7. SOLID WASTE DISPOSAL

A. Solid Waste Handling

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground water, or a POTW.

B. Leachate

The Permittee shall not allow leachate from its solid waste material to enter state groundwaters without providing all known, available, and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

S8. SLUG/SPILL DISCHARGE CONTROL PLAN

On or before November 15, 2003, the Permittee shall prepare and submit to the Department a plan to minimize the potential of slug discharges and spills of industrial wastewater (including, but not limited to industrial process water, raw materials, products, chemicals, fuels, AFFF, lubricants, oils, and coolants), as well as any unauthorized discharges to the sanitary sewer from the facility covered by this permit. The plan and any subsequent revisions shall become effective thirty (30) days following submission.

The Slug/Spill Discharge Control Plan shall include the following information and procedures relating to the prevention of slug discharges, spills of industrial wastewater, and unauthorized discharges, with the potential to be discharged to the POTW:

1. A description of the reporting system to be used to immediately notify facility management, the POTW operator, and appropriate state, federal, and local authorities, including the City of Bremerton and Washington State Department of Ecology of any slug discharges or spills of industrial wastewater to the sanitary sewer, and provisions to provide a written follow-up report to the Department and the City of Bremerton within five (5) days;
2. A description of operator training, equipment, and facilities (including overall facility plan) for preventing, containing, or treating slug discharges and spills of industrial wastewater to the sanitary sewer;
3. A list of all raw materials, products, chemicals, and hazardous materials used, processed, or stored at the facility, which have the potential for causing interference or pass-through at the POTW; the normal quantity maintained on the premises for each listed material; and a map showing where they are located;
4. A description of discharge practices for batch and continuous processes under normal and non-routine circumstances for those discharges that have the potential for causing interference or pass through at the POTW;
5. A brief description of any unauthorized discharges which occurred during the 36-month period preceding the effective date of this permit that had the potential for causing interference or pass through at the POTW, and subsequent measures taken by Permittee to prevent or to reduce the possibility of further unauthorized discharges; and
6. An implementation schedule including additional operator training and procurement and installation of equipment or facilities required to properly implement the plan.

The Permittee shall maintain its Slug/Spill Discharge Control Plan and shall follow the procedures contained therein throughout the term of the permit. The Permittee shall review its Slug/Spill Discharge Control Plan and update it as necessary, but not less than once every two (2) years. The current plan shall be maintained on the plant site and be readily available to facility personnel. The Permittee shall submit any revisions or updates of the Slug/Spill Discharge Control Plan within thirty (30) days of its update or modification.

S9. TOXIC ORGANIC MANAGEMENT PLAN

No later than December 15, 2003, the Permittee shall submit a Toxic Organic Management Plan to the Department. The plan shall include a description of the procedure to minimize the discharge or toxic organic compounds to the sanitary sewer.

S10. ANNUAL REPORT DESCRIBING CHARACTERISTICS OF INSTALLATION RESTORATION SITE DISCHARGES

The Permittee is required to monitor wastewater discharged from those installation restoration sites which, due to previous sampling or knowledge of previous uses, have a reasonable potential to contain contaminants in excess of the following limitations:

Pollutant Parameter	Limitation	Sampling Frequency ¹	Sample Type
TTO (volatile fraction only), mg/L	2.13	Each 100,000 gallons ²	Grab
Petroleum Hydrocarbons, mg/L	50	Each 100,000 gallons ³	Grab
Chromium, T, mg/L	5.0	Each 100,000 gallons ⁴	Grab
Lead, T, mg/L	1.3	Each 100,000 gallons ⁵	Grab
Nickel, T, mg/L	3.2	Each 100,000 gallons ⁶	Grab
¹ Sampling is not required if the rate of flow is less than 1000 gpd or if the total flow from a project is less than 10,000 gallons.			
² The sample will be taken for each 100,000 gallons of flow for each site which has been determined to have a reasonable potential to exceed the TTO limitation.			
³ The sample will be taken for each 100,000 gallons of flow for each site which has been determined to have a reasonable potential to exceed the Petroleum Hydrocarbons limitation.			
⁴ The sample will be taken for each 100,000 gallons of flow for each site which has been determined to have a reasonable potential to exceed the Chromium limitation.			
⁵ The sample will be taken for each 100,000 gallons of flow for each site which has been determined to have a reasonable potential to exceed the Lead limitation.			
⁶ The sample will be taken for each 100,000 gallons of flow for each site which has been determined to have a reasonable potential to exceed the Nickel limitation.			

No later than March 15 of each year, the Permittee shall submit a report to the Department describing the sampling results of installation restoration-related wastewater which was discharged to the sanitary sewer during the previous calendar year. In addition, the Permittee shall send a copy of the discharge monitoring reports to the City of Bremerton Department of Public Works.

S11. DISCHARGE OF RADIOACTIVE MATERIALS

The Permittee shall not discharge radioactive material to the POTW or groundwaters of the state in excess of quantities or concentrations set forth in WAC 246-221-190. No provisions in this permit shall be interpreted to be applicable to those aspects of governmental regulation of radioactive waters which have been preempted from state regulation by the Atomic Energy Act of 1954, as interpreted by the United States Supreme Court in the cases of *Northern States Power /co. v. Minnesota* 405 US 1035 (1972) and *Train v. Colorado Public Interest Research Group*, 426 US 1 (1976). The shipyard shall immediately inform the City of Bremerton and the Department upon becoming aware of a violation of this requirement.

S12. COMPLIANCE SHEDULE FOR INSTALLATION OF FUEL OIL/GASOLINE SPILL DETECTION AND WARNING SYSTEM

No later than January 15, 2005, the Permittee shall install and begin operation of equipment suitable for the real time detection of fuel oil and gasoline spills in each of the municipal sumps (Lift Station WB3 and First Street Lift Station). The fuel oil/gasoline spill detector must be equipped with a warning system which will alert spill response personnel immediately upon detection of a fuel oil or gasoline spill.

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
 - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:
"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or private, for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least sixty (60) days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least one hundred and eighty (180) days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G6. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G7. DUTY TO REAPPLY

The Permittee must apply for permit renewal at least one hundred and eighty (180) days prior to the specified expiration date of this permit.

G8. PERMIT TRANSFER

This permit is automatically transferred to a new owner or operator if:

- A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to the Department;
- B. A copy of the permit is provided to the new owner and the receiving POTW is notified; and
- C. The Department does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to Section A above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by the Department.

G9. REDUCED PRODUCTION FOR COMPLIANCE

The Permittee shall control production or discharge to the extent necessary to maintain compliance with the terms and conditions of this permit upon reduction of efficiency, loss, or failure of its treatment facility until the treatment capacity is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power for the treatment facility is reduced, lost, or fails.

G10. REMOVED SUBSTANCES

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be re-suspended or reintroduced to the effluent stream for discharge.

G11. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G12. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.

G13. PERMIT MAY BE REOPENED

This permit may be modified in whole or in part for the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to fully disclose all relevant facts;
- E. A material change in quantity or type of waste disposal;
- F. A material change in the condition of the waters of the state affected by this permit; or
- G. A request by the City of Bremerton for inclusion of salinity limitations in the permit, or a compliance schedule regarding construction of desalinization works.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of categorical standards.